| Index o | f Claims |
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|         |          |

Application No.

10/046,185

Examiner

Gloria R Weeks

Applicant(s)

KONDO ET AL

Art Unit

3721

√ Rejected
= Allowed

\_\_ (Through numeral) Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cl       | aim      | Date     |                 |                         |                     |            | 7::::    | Claim Date |            |          |          |                        | ]:::::   | CI   | aim      | Date     |       |          |                  |          |                |                    |                         |   |   |
|----------|----------|----------|-----------------|-------------------------|---------------------|------------|----------|------------|------------|----------|----------|------------------------|--|--|----------|----------|-------|----------|------------------|----------|----------------|--------------------|-------------------------|---|---|
| _        | ল        | 4        |                 |                         |                     |            | 7        |            |            |          |          |                        |  |  |          | Date     |       |          |                  |          |                |                    |                         |   |   |
| Final    | Original | 11/22/04 |                 |                         |                     |            |          |            |            | Final    | Original |                        |  |  |          |          | Final | Original |                  |          | 1              |                    |                         |   |   |
| ፲፫       | ŏ        | 11/2     |                 |                         |                     |            |          |            |            | iĒ       | Ę        |                        |  |  |          |          | ᄩ     | jrig     |                  |          |                |                    | 1                       |   |   |
|          |          | Ľ        | $\sqcup$        | 4                       | 1                   |            |          | $\perp$    | 4          |          |          |                        |  |  |          |          |       | O        |                  |          |                |                    | 1                       |   |   |
|          | X        | <u> </u> | $\vdash \vdash$ |                         |                     | $\sqcup$   |          |            | _          | <u></u>  | 51       |                        |  |  |          |          |       | 101      |                  | $\top$   |                |                    | 1                       |   | $\neg$  |
|          | 3        | <u> </u> | <u> </u>        | +                       | —                   | $\sqcup$   |          |            | 4          |          | 52       |                        |  |  |          |          |       | 102      |                  |          |                |                    |                         | $\Box$  | $\top$  |
|          | 3        | _        | -               | +                       | ┥—                  |            |          | _          | 4          | L        | 53       |                        | 1  |  |          |          |       | 103      |                  |          |                |                    |                         |   | $\top$  |
| <u> </u> | \$       | <u> </u> | $\vdash \vdash$ | - -                     | +                   | $\vdash$   |          | - -        | 4          | <u> </u> | 54       | -                      | _ _ _  | 11   | _        |          |       | 104      |                  |          |                |                    |                         |   | $\Box$  |
| _        | 6        | 1        |                 | -                       | -                   | +          | -        | +          | -          |          | 55       |                        |  | $\perp \perp$                                    | Щ        |          |       | 105      |                  |          |                |                    |                         |   | $\perp$   |
| _        | 7        | 1        | -+              | +-                      | +-                  | $\vdash$   |          | +-         | -          | <u> </u> | 56       |                        |  | $\perp$  | $\perp$  |          |       | 106      |                  | _        | L              | L                  |                         |   |   |
|          | 8        | V        | +               | +                       | +                   | ┤┤         | -+       | -          | -          | -        | 57<br>58 | +                      |  |  | +        |          |       | 107      | _                | ļ        | ↓_             | _                  |                         | $\sqcup$  | $\perp$   |
|          | 9        |          | +               | - -                     | +                   | -          | -+       | +          | -          | -        | 59       |                        | ++-  |  |          |          |       | 108      | 4                | 4        |                | L_                 | L                       | $\vdash$  |   |
|          | 10       |          | $\dashv$        | +                       | +                   | $\vdash$   | +        | +          | -          |          | 60       | +++                    | ++-  | +  | ∔⊢       |          |       | 109      |                  | $\perp$  | _              | <u> </u>           |                         | $\vdash$  | +   |
|          | 11       |          | _               |                         | 1                   |            |          |            | 1          |          | 61       |                        | +  |  | ╁┤       |          |       | 110      | _ _              | ╁        | ├              | <u> </u>           | Щ                       | $\vdash$  |   |
|          | 12       |          | +               | +                       | $\vdash$            | $\vdash$   | $\dashv$ | +          | 1          | $\vdash$ | 62       |                        | +  | ++-  | +        |          |       | 111      | -                | +-       | ┞—             | $\vdash$           | $\sqcup$                | $\dashv$  | - -   |
|          | 13       |          | _               | +                       | $\dagger \dagger$   | $\vdash$   | $\dashv$ | +          | 1          | $\vdash$ | 63       | +++                    | +  | +  | +-       |          |       | 112      | $- \downarrow -$ | +-       | ├-             | $\vdash$           | $\vdash \vdash$         | <del>     </del>                                  | +   |
|          | 14       | $\neg$   | _               | 1                       | $\vdash$            | $\vdash$   | +        | +-         | 1          |          | 64       | <del></del>            | +  | <del>                                     </del> | +-       |          |       | 113      | -                | 1-       | -              | H                  | $\vdash \downarrow$     | +   | +   |
|          | 15       |          | _               | $\top$                  | $\forall$           | $\vdash$   | +        | $\top$     | 1          |          | 65       | <del>-   -   -  </del> | ++   | <del>                                     </del> | ╅┤       | }        |       | 114      |                  | +        | <del> </del> — |                    | $\vdash$                | +   | +   |
|          | 16       |          | _               |                         |                     | $\vdash$ † | 十        | +          | 1          |          | 66       | <del>-  -  -  -</del>  | ++   | <del>  -</del>                                   | +        |          |       | 116      | -                | +-       | <u> </u>       | $\vdash$           | $\vdash$                | +   | +   |
|          | 17       | 一        | $\neg$          | T                       | 1 1                 |            | -        | +-         | 1          |          | 67       | <del>-     </del>      | ++-  | ++   | +        | ŀ        | -+    | 117      | +                | +-       | <del> </del>   | -                  |                         | +   | +   |
|          | 18       | $\neg$   | $\top$          | 1                       | $\Box$              | $\dashv$   | -  -     | 1-         | 1          |          | 68       | +++                    | +-+-   | $\vdash$   | +        | -        | -     | 118      |                  | ╀        | -              | $\vdash$           | $\vdash$                | -+  | +-  |
|          | 19       |          |                 | T                       | $\Box$              |            |          | $\top$     | 1          |          | 69       | <del></del>            | +-   |  | $\vdash$ | ŀ        |       | 119      | +                | +        | -              | Н                  |                         | $\dashv$  | +   |
|          | 20       |          |                 |                         | $\Box$              |            | $\dashv$ | 1-         | 1          |          | 70       |                        | 1 +  | $\vdash$   | +        |          |       | 120      |                  | ╁╌       |                |                    |                         | +   | -   |
|          | 21       | T        |                 | 1 -                     | 1 1                 |            | $\top$   | <b> </b>   | 1          |          | 71       |                        | + +-   | -  | H        | -        | -+    | 121      |                  | -        | Н              | -                  |                         | $\dashv$  | —   |
|          | 22       |          |                 |                         |                     |            |          |            | 1          |          | 72       |                        | T  | <del>                                     </del> | +        | 1        | -+    | 122      | +                | ╁        | $\vdash$       | $\dashv$           |                         | -+  |   |
|          | 23       |          |                 |                         |                     |            |          |            | 1          |          | 73       |                        | <del>                                     </del> | $\vdash$   | H        | -        |       | 123      | +                | +        |                | -                  | -+                      | +   |   |
|          | 24       |          |                 |                         |                     |            |          |            |            |          | 74       |                        | 1   -  |  | 1        | 1        |       | 124      | +                | $\vdash$ |                |                    | $\dashv$                | +   | +   |
|          | 25       | $\perp$  |                 |                         |                     |            |          |            |            |          | 75       |                        |  |  | Н        | -        |       | 125      | +                | 1-1      |                | -                  | $\dashv$                | +   | +-  |
|          | 26       |          |                 |                         |                     |            |          |            |            |          | 76       |                        |  |  | $\Box$   |          |       | 126      | -                | +        |                | $\dashv$           | -                       | +   | +   |
|          | 27       |          |                 |                         |                     |            |          |            |            |          | 77       |                        | 1 1  |  | $\Box$   |          |       | 127      | -                | H        |                | $\dashv$           | $\dashv$                | +   | +   |
|          | 28       |          |                 |                         |                     |            |          |            |            |          | 78       |                        | 1-1-   |  | $\Box$   | ŀ        |       | 128      |                  |          | $\dashv$       | -                  | $\dashv$                | +   | +   |
|          | 29       | _        |                 |                         |                     | [_         |          |            |            |          | 79       |                        |  |  |          |          |       | 129      | _                | $\vdash$ | $\dashv$       | -                  | ᆉ                       | _   | +   |
|          | 30       |          |                 |                         | $\sqcup \downarrow$ |            |          |            |            |          | 80       |                        |  |  | $\Box$   | -        |       | 130      | _                | $\vdash$ | _              | _                  | +                       | +   | +-  |
|          | 31       | _        | _               | $\perp$                 |                     | _  _       |          |            |            |          | 81       |                        |  |  |          | ı        |       | 131      |                  | H        |                |                    | -+                      | $\neg$  | +   |
|          | 32       | _        | $\bot$          | $\downarrow \downarrow$ | $\sqcup$            | $\perp$    | $\perp$  |            |            |          | 82       |                        |  |  |          |          |       | 132      |                  |          | $\dashv$       | $\dashv$           | $\dashv$                | +   | +-  |
|          | 33       | $\dashv$ | $\perp$         | Ш                       | $\sqcup$            |            | 4        | Ц.         |            |          | 83       |                        |  |  |          | Γ        |       | 133      | $\top$           |          | $\neg \dagger$ | $\dashv$           | $\top$                  | +   | +-1   |
|          | 34       | _        |                 | $\vdash \vdash$         | $\vdash$            | _          |          | 1          |            |          | 84       |                        |  |  |          | Γ        |       | 134      |                  |          | T              | $\neg$             | 7                       | $\top$  | $\Box$  |
|          | 35       | +        | +               | $\vdash \vdash$         | $\dashv$            | _          |          | $\vdash$   | <u>ا</u> ا |          | 85       |                        |  |  |          |          |       | 135      |                  |          |                |                    | $\neg$                  | $\top$  | $\top$  |
|          | 36       | +        | +               |                         | $\dashv$            | +          | +        | +          | -          |          | 86       | +++                    |  |  | Щ        | II [     |       | 136      |                  |          |                |                    |                         |   | $\top$  |
|          | 37<br>38 | +        | +-              | $\vdash$                | $\dashv$            |            | +-       | $\dashv$   |            |          | 87       |                        | $\sqcup \sqcup$                                  |  | Ш        |          |       | 137      |                  |          |                |                    |                         |   |   |
|          | 39       | +        |                 | ╁┤                      | +                   | +          | +        | $\vdash$   |            |          | 88       | <del>       </del>     |  |  | Ш        | L        |       | 138      |                  |          |                |                    | $\Box$                  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Box$  |
|          | 40       | +        | +               | ╀┤                      | +                   | +          | +        | ┯          | -          |          | 89       | +++                    | _  _   | $\perp$  | Ш        | L        |       | 139      |                  |          |                |                    |                         |   | $\Box$  |
|          |          | +        |                 | $\vdash$                | $\dashv$            | +          | +        | $\vdash$   | 1          | _        | 90       | + $+$ $+$              | $\sqcup \sqcup$                                  |  | Щ        |          |       | 140      |                  |          |                |                    | $oxed{\int}$            | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |   |
| $\dashv$ | 41<br>42 | +        | +-              | $\vdash$                | $\dashv$            | +          | - -      | $\vdash$   | -          |          | 91       | ++-                    |  |  | Щ        | L        |       | 141      |                  |          |                | $\Box$             | $oldsymbol{\mathbb{I}}$ |   |   |
| -+       | 42       | +        | +               | $\vdash$                |                     | +          | +        | +-1        | -          |          | 92       | +                      | $\sqcup \sqcup$                                  | - -  | Ш        |          |       | 142      | $\perp$          |          | $\perp$        | $oldsymbol{\perp}$ | $\Box$                  |   |   |
|          | 44       | +        | +               | $\vdash$                | $\dashv$            | +          | +        | ╁┼┤        |            |          | 93       | +++                    | $\sqcup \sqcup$                                  | $\dashv$   | $\Box$   | L        |       | 143      | $\dashv$         |          | $\perp$        | $\perp$            |                         |   | $\perp$   |
| -        | 45       | +        | +               | -                       | +                   | +          | +        | ₩          | ŀ          |          | 94       | ++                     |  | $\dashv$   | _        | L        |       | 144      | 44               |          | $\perp$        | $\perp$            |                         | Ш.  |   |
| -+:      | 46       | +        | ┰               | <del>   </del>          |                     | +          | +        | +          |            |          | 95       |                        |  | _ _  | _        | -        |       | 145      | $\bot$           |          |                | $\perp$            | $\perp$                 | 上   | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |
| +        | 47       | +        | +-              |                         | $\dashv$            | +          | +        | -          | -          |          | 96       | +++                    | $\vdash \vdash \vdash$                           | $\dashv$   | -4       | L        |       | 146      | $\bot$           | 4        | 4              |                    | $\perp$                 |   |   |
| -   -    | 48       | +        | 1               | $\vdash$                | +                   | +          | +        | H          | -          |          | 97<br>98 | +++-                   | $\vdash \vdash \dashv$                           |  |          | <u> </u> |       | 147      | 44               | 4        | 4              | $\perp$            | _ _                     | $\bot$  | $\perp \perp$   |
| -        | 49       | +        | +-              | $\vdash \vdash$         | $\dashv$            | +          | +        | H          | ::: -      |          | 99       | <del>- - -</del>       | $\vdash \vdash \vdash$                           | $\dashv$   |          | -        | _  1  | 148      |                  | _        | 4              |                    | 4                       | _   | ┯   |
| -        | 50       | +        |                 | $\vdash$                | +                   | +          | +        | H          | -          |          | 00       | +   -                  | $\vdash$   |  | $\dashv$ | ii       |       | 149      | +                | +        | 4              | _                  | 4-                      |   | $\sqcup$  |
|          |          |          |                 | LL                      | L                   |            |          | :          | ::::       | 1        | UU       |                        |  |  |          |          | 1     | 150      |                  |          |                |                    |                         |   | 1   |